**IN THE CLAIMS**:

Please AMEND the claims as follows:

1. (CURRENTLY AMENDED) A light-emitting tube array display device comprising:

a light-emitting tube array constituted of a plurality of light-emitting tubes arranged in parallel with discharge gas filled therein;

a light-transmitting supporter abutting a display surface side of the light-emitting tube array for supporting the light-emitting tube array and having electrodes, crossing the light emitting tubes and formed on a surface of the supporter facing the light-emitting tube array, for applying a voltage to the light-emitting tubes;

a phosphor layer formed on a rear side inner wall of each light-emitting tube;

a light-transmitting adhesive layer formed between the supporter and the light-emitting tube array;

a rear side substrate abutting a surface of each light-emitting tube so that the light-emitting tube array is held between the supporter and the rear side substrate;

electrodes formed on a surface of the rear side substrate facing the light-emitting tubes and extending in a direction crossing the electrodes formed on the surface of the supporter; and

a resin layer ~~formed in~~ filled into a space formed by display surface sides of the light-emitting tubes and the supporter,

wherein the adhesive layer has a refractive index equal to or higher than that of a tube body of each light-emitting tube.

2. (CURRENTLY AMENDED) A light-emitting tube array display device comprising:

a light-emitting tube array constituted of a plurality of light-emitting tubes arranged in parallel with discharge gas filled therein;

a light-transmitting supporter abutting a display surface side of the light-emitting tube array for supporting the light-emitting tube array and having electrodes, crossing the light-emitting tubes and formed on a surface of the supporter facing the light-emitting tube array, for applying a voltage to the light-emitting tubes;

a phosphor layer formed on a rear side inner wall of each light-emitting tube;

a light-transmitting adhesive layer formed between the supporter and the light-emitting tube array;

a rear side substrate abutting a surface of each light-emitting tube so that the light-

emitting tube array is held between the supporter and the rear side substrate;

electrodes formed on a surface of the rear side substrate facing the light-emitting tubes and extending in a direction crossing the electrodes formed on the surface of the supporter; and

a resin layer ~~formed in~~filled into a space formed by display surface sides of the light-emitting tubes and the supporter,

wherein the supporter has a refractive index equal to or higher than that of the adhesive layer.

3. (CURRENTLY AMENDED) A light-emitting tube array display device comprising:

a light-emitting tube array constituted of a plurality of light-emitting tubes arranged in parallel with discharge gas filled therein;

a light-transmitting supporter abutting a display surface side of the light-emitting tube array for supporting the light-emitting tube array and having electrodes, crossing the light-emitting tubes and formed on a surface of the supporter facing the light-emitting tube array, for applying a voltage to the light-emitting tubes;

a phosphor layer formed on a rear side inner wall of each light-emitting tube;

a light-transmitting adhesive layer formed between the supporter and the light-emitting tube array;

a rear side substrate abutting a surface of each light-emitting tube so that the light-emitting tube array is held between the supporter and the rear side substrate;

electrodes formed on a surface of the rear side substrate facing the light-emitting tubes and extending in a direction crossing the electrodes formed on the surface of the supporter; and

a resin layer ~~formed in~~filled into a space formed by display surface sides of the light-emitting tubes and the supporter,

wherein the adhesive layer has a refractive index equal to or higher than that of a tube body of each light-emitting tube, and the supporter has a refractive index higher than that of the adhesive layer.

4. (ORIGINAL) The light-emitting tube array display device according to claim 3, wherein the refractive index of the tube body of each light-emitting tube is equal to or less than 1.47, the refractive index of the adhesive layer is 1.47-1.50, and the refractive index of the supporter is equal to or higher than 1.50.

5. (ORIGINAL) The light-emitting tube array display device according to claim 1, 2

or 3, wherein the supporter is a flexible resin sheet.

6. (PREVIOUSLY PRESENTED) The light-emitting tube array display device according to claims 1 or 3, wherein the supporter is a flexible resin sheet, and the tube body of each light-emitting tube is made of borosilicate glass, the flexible resin sheet is made of polyethylene terephthalate, and the adhesive layer is made of acrylic resin.

7. (ORIGINAL) The light-emitting tube array display device according to claim 1, 2 or 3, wherein each light-emitting tube has a flat portion provided on its surface facing the supporter and a cross section that allows the flat portion to face at least one electrode of the supporter when the supporter abuts the flat portion.

8. (CANCELED)

9. (ORIGINAL) The light-emitting tube array display device according to claim 1, 2 or 3, further comprising one or more film(s) or substrate(s) having a refractive index higher than that of the supporter, the one or more film(s) or substrate(s) being disposed on a display surface side of the supporter in such a manner that their refractive indices increase successively with distance from the supporter.

10. (CANCELED)

11. (PREVIOUSLY PRESENTED) The light-emitting tube array display device according to claim 2, wherein the supporter is a flexible resin sheet, each light-emitting tube has a tube body made of borosilicate glass, the flexible resin sheet is made of polyethylene terephthalate, and the adhesive layer is made of acrylic resin.